

Refine Search

Search Results -

Terms	Documents
L7	0

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L14

Recall Text Clear Interrupt

Refine Search

Search History

DATE: Thursday, August 31, 2006 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u>
side by side			result set
DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR			
<u>L14</u> ("6792916")[URPN]		0	<u>L14</u>
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR			
<u>L13</u> L7		1	<u>L13</u>
DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR			
<u>L12</u> (6422203 6209522)![PN]		2	<u>L12</u>
<u>L11</u> ("6792916")[PN]		1	<u>L11</u>
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR			
<u>L10</u> L7		1	<u>L10</u>
DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR			
<u>L9</u> ("6792916")[URPN]		0	<u>L9</u>
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;			

Best Available Copy

OP=OR

<u>L8</u>	L7	1	<u>L8</u>
<i>DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L7</u>	6792916.pn.	1	<u>L7</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L6</u>	L5 and (vehic\$ or car\$ or automobile)	5	<u>L6</u>
<u>L5</u>	L4 and ((modulat\$ or chang\$ or edit\$ or var\$) near2 frequenc\$)	11	<u>L5</u>
<u>L4</u>	l2 or L3	121	<u>L4</u>
<u>L3</u>	"electromagnetic valve" and (clock with frequenc\$) and (pwm or pulse\$) and @pd<=20030206	116	<u>L3</u>
<u>L2</u>	L1	116	<u>L2</u>
<i>DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L1</u>	"electromagnetic valve" and (clock with frequenc\$) and (pwm or pulse\$) and @ad<=20030206	116	<u>L1</u>

END OF SEARCH HISTORY

Available Copy

Hit List

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[Generate OACS](#)

Search Results - Record(s) 1 through 2 of 2 returned.

1. Document ID: US 6422203 B1

L12: Entry 1 of 2

File: USPT

Jul 23, 2002

US-PAT-NO: 6422203

DOCUMENT-IDENTIFIER: US 6422203 B1

TITLE: Variable output pump for gasoline direct injection

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Abstract](#) [Claims](#) [PMDC](#) [Drawings](#)

-
- * 2. Document ID: US 6209522 B1

L12: Entry 2 of 2

File: USPT

Apr 3, 2001

US-PAT-NO: 6209522

DOCUMENT-IDENTIFIER: US 6209522 B1

TITLE: Variable delivery fuel supply device

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Abstract](#) [Claims](#) [PMDC](#) [Drawings](#)

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Terms	Documents
L7	2

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Hit List

First Hit Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 10 of 11 returned.

1. Document ID: US 6732217 B1

L5: Entry 1 of 11

File: USPT

May 4, 2004

US-PAT-NO: 6732217

DOCUMENT-IDENTIFIER: US 6732217 B1

TITLE: Control and supervisory signal transmission system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Detailed Abstract	Claims	KOMC	Drawings
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2. Document ID: US 6619613 B1

L5: Entry 2 of 11

File: USPT

Sep 16, 2003

US-PAT-NO: 6619613

DOCUMENT-IDENTIFIER: US 6619613 B1

**** See image for Certificate of Correction ****

TITLE: Gas flow rate controller and gas-appliance using the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Detailed Abstract	Claims	KOMC	Drawings
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	--------------------------	-----------------------------------	------------------------	----------------------	--------------------------

3. Document ID: US 6294905 B1

L5: Entry 3 of 11

File: USPT

Sep 25, 2001

US-PAT-NO: 6294905

DOCUMENT-IDENTIFIER: US 6294905 B1

**** See image for Certificate of Correction ****

TITLE: Method and circuit for controlling current in an inductive load

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Detailed Abstract	Claims	KOMC	Drawings
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4. Document ID: US 5787132 A

L5: Entry 4 of 11

File: USPT

Jul 28, 1998

US-PAT-NO: 5787132
DOCUMENT-IDENTIFIER: US 5787132 A

TITLE: Data communication system having improved synchronization capability

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Detailed Description](#) | [Claims](#) | [Final](#) | [Drawings](#)

5. Document ID: US 5117795 A

L5: Entry 5 of 11

File: USPT

Jun 2, 1992

US-PAT-NO: 5117795
DOCUMENT-IDENTIFIER: US 5117795 A

TITLE: Air-fuel mixture supply apparatus for internal combustion engine

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Detailed Description](#) | [Claims](#) | [Final](#) | [Drawings](#)

6. Document ID: US 4962648 A

L5: Entry 6 of 11

File: USPT

Oct 16, 1990

US-PAT-NO: 4962648
DOCUMENT-IDENTIFIER: US 4962648 A

TITLE: Refrigeration apparatus

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Detailed Description](#) | [Claims](#) | [Final](#) | [Drawings](#)

7. Document ID: US 4603550 A

L5: Entry 7 of 11

File: USPT

Aug 5, 1986

US-PAT-NO: 4603550
DOCUMENT-IDENTIFIER: US 4603550 A

TITLE: Exhaust particle removing system for an internal combustion engine

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Detailed Description](#) | [Claims](#) | [Final](#) | [Drawings](#)

8. Document ID: US 4282842 A

L5: Entry 8 of 11

File: USPT

Aug 11, 1981

US-PAT-NO: 4282842
DOCUMENT-IDENTIFIER: US 4282842 A

TITLE: Fuel supply control system for internal combustion engine

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KINDC](#) | [Drawn](#)

9. Document ID: US 4279230 A

L5: Entry 9 of 11

File: USPT

Jul 21, 1981

US-PAT-NO: 4279230

DOCUMENT-IDENTIFIER: US 4279230 A

TITLE: Fuel control systems for internal combustion engines

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KINDC](#) | [Drawn](#)

10. Document ID: US 4121547 A

L5: Entry 10 of 11

File: USPT

Oct 24, 1978

US-PAT-NO: 4121547

DOCUMENT-IDENTIFIER: US 4121547 A

TITLE: Closed loop air-fuel ratio control system for use with internal combustion engine

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KINDC](#) | [Drawn](#)

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Terms	Documents
L4 and ((modulat\$ or chang\$ or edit\$ or var\$) near2 frequenc\$)	11

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Hit List

First Hit

Your wildcard search against 10000 terms has yielded the results below.

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Clear	Generate Collection	Print	Fwd:Refs	Bkwd:Refs
Generate OACS				

Search Results - Record(s) 1 through 5 of 5 returned.

1. Document ID: US 5787132 A

L6: Entry 1 of 5

File: USPT

Jul 28, 1998

US-PAT-NO: 5787132

DOCUMENT-IDENTIFIER: US 5787132 A

TITLE: Data communication system having improved synchronization capability

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	DINFO	Drawn
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2. Document ID: US 5117795 A

L6: Entry 2 of 5

File: USPT

Jun 2, 1992

US-PAT-NO: 5117795

DOCUMENT-IDENTIFIER: US 5117795 A

TITLE: Air-fuel mixture supply apparatus for internal combustion engine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	DINFO	Drawn
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3. Document ID: US 4282842 A

L6: Entry 3 of 5

File: USPT

Aug 11, 1981

US-PAT-NO: 4282842

DOCUMENT-IDENTIFIER: US 4282842 A

TITLE: Fuel supply control system for internal combustion engine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	DINFO	Drawn
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4. Document ID: US 4279230 A

L6: Entry 4 of 5

File: USPT

Jul 21, 1981

US-PAT-NO: 4279230
DOCUMENT-IDENTIFIER: US 4279230 A

TITLE: Fuel control systems for internal combustion engines

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Detailed Description](#) | [Claims](#) | [RnMC](#) | [Drawn D.](#)

5. Document ID: US 4121547 A

L6: Entry 5 of 5

File: USPT

Oct 24, 1978

US-PAT-NO: 4121547
DOCUMENT-IDENTIFIER: US 4121547 A

TITLE: Closed loop air-fuel ratio control system for use with internal combustion engine

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Detailed Description](#) | [Claims](#) | [RnMC](#) | [Drawn D.](#)

[Clear](#) | [Generate Collection](#) | [Print](#) | [Fwd Refs](#) | [Bkwd Refs](#) | [Generate @ACS](#)

Terms	Documents
L5 and (vehic\$ or car\$ or automobile)	5

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First Hit Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 11 through 11 of 11 returned.

11. Document ID: US 3909601 A

L5: Entry 11 of 11

File: USPT

Sep 30, 1975

US-PAT-NO: 3909601

DOCUMENT-IDENTIFIER: US 3909601 A

TITLE: Digital type electronic control system

Full	Title	Citation	Front	Review	Classification	Date	References	Claims	Comments	Create
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
Terms				Documents	
L4 and ((modulat\$ or chang\$ or edit\$ or var\$) near2 frequenc\$)				11	

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((SPEC/probe AND SPEC/beacon) AND ((SPEC/automobile OR SPEC/car) OR SPEC/vehicle)) AND SPEC/road): 33 patents.

Hits 1 through 33 out of 33



PAT. NO.	Title
1 7,085,637	T Method and system for controlling a vehicle
2 7,075,427	T Traffic warning system
3 6,970,783	T Vehicle information system
4 6,968,272	T Vehicle information system
5 6,965,816	T PFN/TRAC system FAA upgrades for accountable remote and robotics control to stop the unauthorized use of aircraft and to improve equipment management and public safety in transportation
6 6,913,926	T Method of regulating biological activity of pituitary tumor transforming gene (PTTG1 using PTTG2
7 6,909,398	T Vehicle information system
8 6,812,888	T Driver information system
9 6,804,602	T Incident-aware vehicular sensors for intelligent transportation systems
10 6,784,832	T Vehicle information system
11 6,757,068	T Self-referenced tracking
12 6,721,650	T Method of presuming traffic conditions by using floating car data and system for presuming and presenting traffic conditions by using floating data
13 6,708,085	T Probe car control method and traffic control system
14 6,707,421	T Driver information system
15 6,680,694	T Vehicle information system
16 6,664,924	T Vehicle information system
17 6,655,631	T Personal hoverplane with four tiltmotors
18 6,639,550	T Vehicle information system

- 19 6,628,233 **T** Vehicle information system
- 20 6,621,452 **T** Vehicle information system
- 21 6,603,406 **T** Method and apparatus for detecting and responding to an absence of journey-related information
- 22 6,546,330 **T** Method of presuming traffic conditions by using floating car data and system for presuming and presenting traffic conditions by using floating data
- 23 6,490,519 **T** Traffic monitoring system and methods for traffic monitoring and route guidance useful therewith
- 24 6,385,539 **T** Method and system for autonomously developing or augmenting geographical databases by mining uncoordinated probe data
- 25 6,334,086 **T** Method and apparatus for collecting traffic information
- 26 6,333,703 **T** Automated traffic mapping using sampling and analysis
- 27 6,211,798 **T** Process and guidance system for ensuring reliable guidance of a vehicle
- 28 6,150,961 **T** Automated traffic mapping
- 29 6,034,643 **T** Directional beam antenna device and directional beam controlling apparatus
- 30 5,945,948 **T** Method and apparatus for location finding in a communication system
- 31 5,208,750 **T** Control System for unmanned automotive vehicle
- 32 5,081,585 **T** Control system for autonomous automotive vehicle or the like
- 33 4,357,593 **T** Guidance system for individual traffic

((ACLM/probe AND ACLM/beacon) AND ((SPEC/automobile OR SPEC/car) OR SPEC/vehicle)) AND SPEC/road): 2 patents.

PAT. NO. Title

- 1 6,334,086 **T** Method and apparatus for collecting traffic information
- 2 4,357,593 **T** Guidance system for individual traffic